

USGS-NASA Landsat Science Team: 2012-2017

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Why a Landsat Science Team?

- Level I Requirements for the Landsat Data Continuity Mission
 - “The LDCM shall support a Landsat Science Team to provide guidance and address issues concerning the requirements for and applications of LDCM systems and data.”
- The success of the LDCM mission will be the complete integration of LDCM data with past, present, and future remotely sensed data for the purpose of monitoring and assessing global environmental systems.

Contributions of the Previous Landsat Science Team

- Set the stage for the next wave of advancements by:
 - Expanding the archive
 - Contributing to making Landsat available to everyone
 - Arguing for full-fledged Landsat functionality
 - Demonstrating the potential for global land monitoring

What we need now...

- Clear, objective, and innovative advice to the USGS and NASA on issues related to the Landsat mission.
 - What steps are needed to expand the Landsat contingency?
 - What needs to be done to ensure that Landsat meets societal needs?

Science Team Responsibilities

- Represent the breadth of user perspectives and their requirements on product formats and product generation issues.
- Provide feedback on critical design issues, including functional performance specifications of the instruments and data systems that affect Landsat data users.
- Contribute to the specification and design of the data acquisition strategy and data access systems.
- Consider interoperability of Landsat with other systems currently in orbit or planned for launch.
- Conduct studies on science and applications elements of program.
- Provide insights on long-term issues (e.g., future missions).
- Represent Landsat activities and plans in appropriate forums, including scientific meetings.
- Contribute to the establishment of operational Landsat products (beyond L1T)

Meeting Objectives

- Introduce the science activities of the Landsat Science Team members
- Review the status and plans of the Landsat Data Continuity Mission (LDCM)
- Develop team plans and a leadership and working strategy